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Approved For Release 2003/12/19 : CIA-RDP78T04759A010000010116-8

3 March 1972

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MEMORANDUM FOR: [REDACTED]

SUBJECT : Hsin-hsien Communications Facilities

REFERENCE : NSA/SPO/R-131-72  
(NPIC Project 251390)

1. The referenced requirement requests a listing of all antennas and telecommunications facilities within a 15 nm radius of the Hsin-hsien Electronics Complex at 38-27-18N, 112-31-00E [REDACTED] Four HF communications facilities and the Yuang-ping Space Tracking Facility are within the 15 nm radius area.

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2. The four HF communications facilities are part of the Hsin-hsien Electronics Complex and are designated HF communications facilities 1 through 4 for the purpose of this memo. Communications Facility 1 is located at 38-31-00N, 112-32-45E and contains five rhombic antennas. Communications Facility 2 is located at 38-30-10N, 112-32-45E and contains nine fishbone antennas. Communications Facility 3 is located at 38-25-40N, 112-27-40E and contains six fishbone antennas, and one dipole antenna. Communications Facility 4 is located at 38-24-55N, 112-27-55E and contains six fishbone antennas.

3. The support area for each facility consists of from eight to 12 buildings in a secured area. The operations buildings are flat-roofed structures apparently of masonry construction. A single control building within each facility cannot be identified without high-resolution photography.

4. The two northernmost facilities, Communications Facilities 1 and 2, are on the western edge of a valley. The width of the valley at this point is approximately 30 nm. The elevation of the two facilities is 853 meters (2,800 feet). The mountain range west of the two facilities has elevations up to 2,463 meters (8,079 feet). The average elevation of the mountain range is approximately 1,524 meters (5,000 feet).

5. Communications Facilities 3 and 4 are approximately 6 nm southwest of the other two facilities. They are located in a shallow valley between two ridge lines. The eastern ridge has an elevation of 975 meters (3,200 feet) and the western ridge 1,097 meters (3,600 feet). The mountain range west of these two facilities has elevations up to 1,828 meters (6,000 feet).

Declass Review by NIMA / DoD

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

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6. The Yuan-ping Space Tracking Facility [ ] is 15 nautical miles north of the center of the Hsin-hsien Electronics Complex. It contains two [ ] parabolic dishes and one [ ] parabolic dish. The facility was reported in detail in a recent NPIC report, [ ] RCA-15/0012/72, Jan 72.

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7. Three annotated photos are inclosed with original only. Tables showing pertinent data concerning the antennas and dimensions of the operations/support buildings are inclosed as attachments with all copies.

8. Seven other unidentified, but possibly related, facilities are between the two northernmost communications facilities and the two southernmost communications facilities. All seven of these facilities have approximately the same number of similar buildings arranged in a pattern similar to that of the buildings at the support areas of the communications facilities. Antennas cannot be identified at any of these seven facilities; however, there is a possibility that they may have a related function which may be associated with the communications facilities.

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9. This project is considered complete. Any further inquiries should be directed [ ] NPIC/IEG/DMEB, IDS Code 143, [ ]

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Chief, Imagery Exploitation Group  
NPIC

Attachment: a/s

Distribution:

- Cy 1&2 - TCO/NSA/PO4/SPO w/atts
- 3&4 - NPIC/IEG/MSD
- 5 - NPIC/PSG/R&RD
- 6 - NPIC/IEG/OD/RCB
- 7 - NPIC/PSG/RRD/ESS
- 8 - NSA/LO/NPIC
- 9 - CIA/DDI/IRS/Recce/R
- 10 - CIA/IAS
- 11 - DS-3B8
- 12 - DS-3B9
- 13 - TCO/NRTSC

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